MARICOPA COUNTY AIR QUALITY DEPARTMENT

INITIAL NOTIFICATION / NOTIFICATION OF COMPLIANCE STATUS
National Emission Standards for Hazardous Air Pollutants (NESHAP)
Area Source Standards for Plating and Polishing Operations
Subpart WWWWWW: 40 CFR 63.11504 – 63.11511

Each owner or operator of a plating and polishing facility is required to submit an Initial Notification/Notification of Compliance Status no later than 120 calendar days after becoming subject to this subpart. The notification may be mailed to agency listed below or e-mailed to AQPermits@mail.maricopa.gov.

- Maricopa County Air Quality Department – Attention: Permitting Division Manager
  1001 N. Central Ave. Suite 400. Phoenix, AZ 85004

1. **Company Information**

   Company Name: _____

   Permit Number: _____

   Mailing Address: _____
   Street City State Zip

   Telephone Number: _____ Fax Number: _____

   E-mail Address: _____

2. **Owner/Operator Information**

   Name and Title: _____

   Please check whether the person listed above is owner or operator of the facility:

   ☐Owner ☐Operator

   Mailing Address: _____
   Street City State Zip

   Telephone Number: _____ Fax Number: _____

   E-mail Address: _____

3. **Facility Location Information** (If different from Company Information)

   Company Name: _____

   Permit Number: _____

   Mailing Address: _____
   Street City State Zip

   Are the compliance records located at the same location? Yes ☐ No ☐

   If the location of compliance records is different please provide street address:

   _____
   Street City State Zip

4. **Identification of Affected Operations**

a. The following are the operations at this facility subject to subpart WWWWWW (check all that apply):[b]

i. Electroplating (noncyanide) ☐

ii. Continuous electroplating (noncyanide) ☐

iii. Short-term electroplating (noncyanide) ☐

iv. Electropolishing ☐

v. Electroforming ☐

vi. Electroplating (cyanide) ☐

vii. Electroless nickel ☐

viii. Chrome conversion coating ☐

ix. Other electroless plating/coating/dipping ☐

x. Thermal spraying (permanent line) ☐

xi. Thermal spraying (temporary, in-situ) ☐

xii. Dry mechanical polishing ☐

[b] ***Important Note:*** *These operations are affected sources under subpart WWWWWW* ***only if/when*** *they use materials that contain or have the potential to emit Plating and Polishing metal HAP. Plating and Polishing* ***HAP containing/potential*** *is defined to be when the compounds of cadmium, chromium, lead, manganese, and nickel, or any of these metals in the elemental form with the exception of lead, are used or have the potential to be emitted in quantities of 0.1 percent or more, or 1.0 percent or more for elemental or compounds of manganese.*

b. The following table lists the compliance methods used on each affected tank process at this facility, noted in 4.a:

Tank Process Description/ID No.	HAP Emitted or Used (Cd, Cr, Pb, Mn, Ni)	Compliance Method(s) (Check all that apply)
		☐ Wetting agent/fume suppressant ☐ Vented to a control device; describe:________________ ☐ Tank cover ☐ Time limit (short-term plating only) ☐ Management practices
		☐ Wetting agent/fume suppressant ☐ Vented to a control device describe:________________ ☐ Tank cover ☐ Time limit (short-term plating only) ☐ Management practices
		☐ Wetting agent/fume suppressant ☐ Vented to a control device; describe:________________ ☐ Tank cover ☐ Time limit (short-term plating only) ☐ Management practices
		☐ Wetting agent/fume suppressant ☐ Vented to a control device; describe:________________ ☐ Tank cover ☐ Time limit (short-term plating only) ☐ Management practices
		☐ Wetting agent/fume suppressant ☐ Vented to a control device; describe:________________ ☐ Tank cover ☐ Time limit (short-term plating only) ☐ Management practices
		☐ Wetting agent/fume suppressant ☐ Vented to a control device; describe:________________ ☐ Tank cover ☐ Time limit (short-term plating only) ☐ Management practices
		☐ Wetting agent/fume suppressant ☐ Vented to a control device; describe:________________ ☐ Tank cover ☐ Time limit (short-term plating only) ☐ Management practices

c. The following table lists each affected thermal spraying booths/lines (temporary and permanent), and dry mechanical polishing processes subject to subpart WWWWWW, noted previously in 4.a.:

Thermal Spray Booth/Line or Dry Mechanical Polishing Description/ID No.	HAP Emitted or Used (Cd, Cr, Pb, Mn, Ni)	Compliance Method(s) (Check all that apply)
		☐ Vented to a control device; describe:________________ ☐ Management practices (temporary thermal spraying only)
		☐ Vented to a control device; describe:________________ ☐ Management practices (temporary thermal spraying only)
		☐ Vented to a control device; describe:________________ ☐ Management practices (temporary thermal spraying only)
		☐ Vented to a control device; describe:________________ ☐ Management practices (temporary thermal spraying only)
		☐ Vented to a control device; describe:________________ ☐ Management practices (temporary thermal spraying only)
		☐ Vented to a control device; describe:________________ ☐ Management practices (temporary thermal spraying only)
		☐ Vented to a control device; describe:________________ ☐ Management practices (temporary thermal spraying only)
		☐ Vented to a control device; describe:________________ ☐ Management practices (temporary thermal spraying only)
		☐ Vented to a control device; describe:________________ ☐ Management practices (temporary thermal spraying only)
		☐ Vented to a control device; describe:________________ ☐ Management practices (temporary thermal spraying only)
		☐ Vented to a control device; describe:________________ ☐ Management practices (temporary thermal spraying only)

d. The following applicable management practices are used at this facility, as practicable:

- ☐ Minimize bath agitation when removing any parts processed in the tank, as practicable except when necessary to meet part quality requirements.
- ☐ Maximize the draining of bath solution back into the tank, as practicable, by extending drip time when removing parts from the tank; using drain boards (also known as drip shields); or withdrawing parts slowly from the tank, as practicable.
- ☐ Optimize the design of barrels, racks, and parts to minimize dragout of bath solution (such as by using slotted barrels and tilted racks, or by designing parts with flow-through holes to allow the tank solution to drip back into the tank), as practicable.
- ☐ Use tank covers, if already owned and available at the facility, whenever practicable.
- ☐ Minimize or reduce heating of process tanks, as practicable (e.g., when doing so would not interrupt production or adversely affect part quality).
- ☐ Perform regular repair, maintenance, and preventive maintenance of racks, barrels, and other equipment associated with affected sources, as practicable.
- ☐ Minimize bath contamination, such as through the prevention or quick recovery of dropped parts, use of distilled/de-ionized water, water filtration, pre-cleaning of parts to be plated, and thorough rinsing of pre-treated parts to be plated, as practicable.
- ☐ Maintain quality control of chemicals, and chemical and other bath ingredient concentrations in the tanks, as practicable.
- ☐ Perform general good housekeeping, such as regular sweeping or vacuuming, if needed, and periodic washdowns, as practicable.
- ☐ Minimize spills and overflow of tanks, as practicable.
- ☐ Use squeegee rolls in continuous or reel-to-reel plating tanks, as practicable.
- ☐ Perform regular inspections to identify leaks and other opportunities for pollution prevention.

5. **Certification of Compliance Status (please check one)**

Compliance Date: ☐ Existing source: July 1, 2010 ☐ New source: _____
(Date of startup)

- ☐ Yes, the referenced facility is operating in compliance with all of the relevant standards and other requirements of 40 CFR Part 63 subpart WWWWWW, National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations
- ☐ No, the referenced facility is not operating in compliance with all of the relevant standards and other requirements of 40 CFR Part 63 subpart WWWWWW, National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations

Reason for noncompliance:

_____

_____

I certify the truth, accuracy and completeness of this notification.

Certifying Official: (check one) ☐Owner ☐Operator

_____

Name of Certifying Official (print or type) Title

_____

Signature of Certifying Official Date